

SELECTIVE COUPLING OF VOLTAGE FEEDS FOR BODY BIAS VOLTAGE
IN AN INTEGRATED CIRCUIT DEVICE

ABSTRACT

5 An integrated circuit device having a body bias voltage mechanism. The integrated circuit comprises a resistive structure disposed therein for selectively coupling either an external body bias voltage or a power supply voltage to biasing wells. A first pad for coupling with a first externally disposed pin can optionally be provided. The first pad is for receiving an externally applied body

10 bias voltage. Circuitry for producing a body bias voltage can be coupled to the first pad for coupling a body bias voltage to a plurality of biasing wells disposed on the integrated circuit device. If an externally applied body bias voltage is not provided, the resistive structure automatically couples a power supply voltage to the biasing wells. The power supply voltage may be obtained

15 internally to the integrated circuit.